

WWA Upgrade/Downgrade Unofficial Requirements (Version 2)

Note: *This document is not an official OS requirements document*

1. VTEC Issues.

a. Upgrade. If a long duration Watch (WSW/NPW/FireWeather) is being upgraded to a warning or advisory (WSW/NPW), or if a long duration advisory (WSW/NPW) is being upgraded to a warning, then **two** lines of VTEC are needed.

- (1) First line - Use a new code **UPG** to show the old watch/advisory has been upgraded.
- (2) Second line - Insert the current NEW Warning or Advisory VTEC string.

Add new VTEC Action Code:

UPG (UPGRADED) - Used when an event for the same area is upgraded to a higher significance level as follows:

- (1) Any long duration watch (WSW/NPW/Fire Weather) to a warning (WSW/NPW/Fire Weather) or advisory (WSW/NPW)
- (2) Advisory (WSW/NPW) to a warning (WSW/NPW)

Upgrade Watch to Warning example:

OKZ006>008-011>024-033>036-TXZ083-281100-

/UPG.KOKC.WS.A.0004.010128T0500Z-010129T0000Z/

/NEW.KOKC.ZR.W.0003.010128T0500Z-010129T0000Z/

ALFALFA OK-BECKHAM OK-BLAINE OK-CADDO OK-CANADIAN OK-CUSTER OK-DEWEY OK-GARFIELD OK-GRANT OK-GREER OK-HARDEMAN TX-HARMON OK-JACKSON OK- KAY OK-KINGFISHER OK- KIOWA OK- LOGAN OK-MAJOR OK-NOBLE OK-PAYNE OK-ROGER MILLS OK-WASHITA OK-

INCLUDING THE CITIES OF....ALTUS OK...CLINTON/WEATHERFORD OK...ELK CITY OK...EL RENO OK...ENID OK...GUTHRIE OK...HOBART OK...PONCA CITY OK...STILLWATER OK

1030 PM CST SAT JAN 27 2001

...ICE STORM WARNING IN EFFECT UNTIL 6 PM CST SUNDAY...

AN ICE STORM WARNING IS IN EFFECT FOR MOST OF OKLAHOMA TO THE NORTHWEST OF INTERSTATE 44. PERIODS OF FREEZING RAIN... POSSIBLY MIXED AT TIMES WITH SLEET OR SNOW...WILL DEVELOP TONIGHT AND CONTINUE THROUGH SUNDAY. A FEW THUNDERSTORMS PRODUCING HEAVIER FREEZING RAIN... SLEET OR SNOW ARE ALSO POSSIBLE. THE PRECIPITATION MAY GRADUALLY TRANSITION TO MORE OF A SNOW/SLEET MIXTURE SUNDAY...

AND EVENTUALLY ALL SNOW SUNDAY NIGHT. DANGEROUS TOTAL STORM ACCUMULATION OF ICE AND SLEET FROM 1 TO 2 INCHES IS EXPECTED BY SUNDAY NIGHT.

PEOPLE ARE URGED TO BE PREPARED FOR PROLONGED POWER OUTAGES AND TREACHEROUS TRAVEL CONDITIONS. IF YOU MUST TRAVEL...ALLOW EXTRA TIME TO REACH YOUR DESTINATION... LET SOMEONE KNOW YOUR TRAVEL PLANS...AND CARRY A CELLULAR PHONE IF YOU HAVE ONE.

- b. **Downgrade.** If a long duration warning (WSW/NPW) is being downgraded to an advisory, then **two** lines of VTEC are needed. The first to cancel the warning and the second to start the new advisory.

- (1) First line - Use **CAN** to expire the old warning.
- (2) Second line - Insert **NEW** to start new advisory VTEC string.

Downgrade from Warning to Advisory example:

OKZ006>008-011>024-033>036-TXZ083-281100-
/CAN.KOKC.ZR.W.0004.000000T0000Z-010129T0000Z/
/NEW.KOKC.ZR.A.0003.010128T1100Z-010129T0000Z/
ALFALFA OK-BECKHAM OK-BLAINE OK-CADDO OK-CANADIAN OK-CUSTER OK-
DEWEY OK-GARFIELD OK-GRANT OK-GREER OK-HARDEMAN TX-HARMON OK-
JACKSON OK- KAY OK-KINGFISHER OK- KIOWA OK- LOGAN OK-MAJOR
OK-NOBLE OK-PAYNE OK-ROGER MILLS OK-WASHITA OK-

INCLUDING THE CITIES OF....ALTUS OK...CLINTON/WEATHERFORD OK...ELK CITY
OK...EL RENO OK...ENID OK...GUTHRIE OK...HOBART OK...PONCA CITY OK...
STILLWATER OK

4 AM CST SUN JAN 28 2001

...FREEZING RAIN ADVISORY IN EFFECT UNTIL 6 PM CST SUNDAY...
...ICE STORM WARNING HAS BEEN CANCELLED...

- c. **Replace.** If a long duration warning (WSW/NPW) is being replaced with another warning or a long duration advisory is being replaced by another advisory, then **two** lines of VTEC are needed. The first to cancel the old warning/advisory and the second to start the new warning/advisory.

- (1) First line - Use **CAN** to expire the old warning/advisory
- (2) Second line - Insert **NEW** to start new warning/advisory

Replace Ice Storm Warning with Winter Storm Warning:

OKZ006>008-011>024-033>036-TXZ083-281800-
/CAN.KOKC.IS.W.0003.000000T0000Z-010129T0000Z/

/NEW.KOKC.WS.W.0005.010128T0530Z-010129T0000Z/

ALFALFA OK-BECKHAM OK-BLAINE OK-CADDO OK-CANADIAN OK-CUSTER OK-
DEWEY OK-GARFIELD OK-GRANT OK-GREER OK-HARDEMAN TX-HARMON OK-
JACKSON OK- KAY OK-KINGFISHER OK- KIOWA OK- LOGAN OK-MAJOR
OK-NOBLE OK-PAYNE OK-ROGER MILLS OK-WASHITA OK-

INCLUDING THE CITIES OF...ALTUS OK...CLINTON/WEATHERFORD OK...ELK CITY
OK...EL RENO OK...ENID OK...GUTHRIE OK...HOBART OK...PONCA CITY OK...
STILLWATER OK

430 AM CST SUN JAN 28 2001

...WINTER STORM WARNING IN EFFECT UNTIL 6 PM CST SUNDAY...

A MIXTURE OF FREEZING RAIN... SLEET AND SNOW WILL CONTINUE THROUGH
TODAY. DANGEROUS TOTAL STORM ACCUMULATION OF ICE AND SLEET FROM 1
TO 2 INCHES IS EXPECTED BY SUNDAY NIGHT.

PEOPLE ARE URGED TO BE PREPARED FOR PROLONGED POWER OUTAGES AND
TREACHEROUS TRAVEL CONDITIONS. IF YOU MUST TRAVEL...ALLOW EXTRA
TIME TO REACH YOUR DESTINATION... LET SOMEONE KNOW YOUR TRAVEL
PLANS...AND CARRY A CELLULAR PHONE IF YOU HAVE ONE.

d. Combination of Actions. The order of segments is (1) Cancellation, (2) Warnings, (3)
Advisories, (4) Watches. WFO ABC initially issued a Winter Storm Watch for Zones 1 through
10.

STZ001>010-232200-

/NEW.KABC.WS.A.0004.010128T0500Z-010129T0000Z/

COUNTY1-COUNTY2...

INCLUDING THE CITIES OF...CITY1...CITY2...

4 AM CST SAT JAN 27 2001

**...WINTER STORM WATCH IN EFFECT FROM 11 PM TONIGHT TO 6 PM CST
SUNDAY...**

AT noon, WFO ABC updated the WSW product in the following manner: Zones 7 & 8 were
cancelled from the watch (segment 1); Zones 4-6 were upgraded to a Heavy Snow Warning, but
new zones 11 and 12 were added (segment 2); Zones 1-3 were upgraded to a Snow Advisory
(segment 3); Zones 9 & 10 the Watch was continued, but Zones 13 & 14 were added (segment
4). This example requires four segments.

Segment 1:

STZ007-008-272200

/CAN.KABC.WS.W.0004.010128T0500Z-010129T0000Z/

COUNTY7-COUNTY8...

INCLUDING THE CITIES OF...CITY7...CITY8...
12 PM CST SAT JAN 27 2001

...WINTER STORM WATCH HAS BEEN CANCELLED...

Segment 2:

STZ004>006-011-012-272200-
/UPG.KABC.WS.A.0004.010128T0500Z-010129T0000Z/
/NEW.KABC.SN.W.0003.010128T0500Z-010129T0000Z/
COUNTY4-COUNTY5...

INCLUDING THE CITIES OF...CITY4...CITY5...
12 PM CST SAT JAN 27 2001

**...HEAVY SNOW WARNING IN EFFECT FROM 11 PM TONIGHT TO 6 PM CST
SUNDAY...**

Segment 3:

STZ001>003-272200-
/UPG.KABC.WS.A.0004.010128T0500Z-010129T0000Z/
/NEW.KABC.SN.Y.0006.010128T0500Z-010129T0000Z/
COUNTY1-COUNTY2...

INCLUDING THE CITIES OF...CITY1...CITY2...
12 PM CST SAT JAN 27 2001

...SNOW ADVISORY IN EFFECT FROM 11 PM TONIGHT TO 6 PM CST SUNDAY...

Segment 4:

STZ009-010-013-014-272200-
/EXA.KABC.WS.A.0004.010128T0500Z-010129T0000Z/
COUNTY9-COUNTY10...

INCLUDING THE CITIES OF...CITY9...CITY10...
12 PM CST SAT JAN 27 2001

**...WINTER STORM WATCH REMAINS IN EFFECT FROM 11 PM TONIGHT TO 6
PM CST SUNDAY...**

2. Headlines in WWA.

- a. Upgrade Watch to Warning. If a long duration Watch (WSW/NPW/FireWeather) is being upgraded to a warning or advisory, only display the new or current warning or advisory in the headline. Do not display or make any reference to previous Watch in the headline. The VTEC line will take care of the high end users need to terminate old watches.
- b. Downgrade Warning to Advisory. If a long duration warning (WSW/NPW) is being downgraded to an advisory, display the new or current advisory in the headline AND the cancelled warning headline below the advisory headline.
- c. Upgrade Advisory to Warning. If a long duration advisory (WSW/NPW) is being upgraded to a warning, display the new or current warning headline AND the cancelled advisory headline below the warning headline.